

WIRELESS HEARTBEAT SIGNAL RECEIVING MODULE WITH ANTI-ELECTROMAGNETIC SHIELDING

ABSTRACT OF THE DISCLOSURE

A wireless heartbeat signal receiving module includes a shielding box made of a metal material without magnetic permeability and covering a receiver antenna on a circuit base inside the module. The shielding box is electrically connected to a ground path on the circuit base, so as to effectively isolate the receiver antenna and a heartbeat signal received via the receiver antenna from external interference signals. The shielding box is provided on a sidewall with a through hole oriented to a corresponding wireless heartbeat detecting and emitting unit that emits the heartbeat signal. The shielding box may be alternatively expanded to also cover an RF signal receiving circuit on the circuit base or to cover all areas on the circuit base.